Substitute for PTO-1390 (Rev. 07-2005) "Transmittal Letter to the United States Designated/Elected Office(DO/EO/US)Concerning a Submission Grade 35 U.S.C. 371"

Approved for use through 3/5/2007. OMB 0651-0021

Approved for use through 3/31/2007. O	MB 0651-0021		
	ENT AND TRADEMARK OFFICE DEPARTMENT OF COMMERCE	ATTORNEY'S DOCKET NUMBER 21500P	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/573330	
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED	
PCT/US2004/31326	September 24, 2004	September 23, 2003	
TITLE OF INVENTION OPTIMIZED EXPRESSION OF HPV 45 L1 IN YEAST			
APPLICANT(S) FOR DO/EO/US			
Janine T. Bryan, Michelle K. Brownlow, Loren D. Schultz, Kathrin U. Jansen			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1. X This is a FIRST submission	of items concerning a filing under 35	U.S.C. 371.	
	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must			
include items (5), (6), (9) and (21) indicated below.			
	The US has been elected (PCT Article 31).		
15. X A copy of the International Application as filed [35 U.S.C. 371(c)(2)]			
a. is attached hereto (required only if not communicated by the International Bureau).			
b. has been communicated by the International Bureau.			
c. is not required, as the application was filed in the United States Receiving Office (RO/US).			
6. An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. a. is attached hereto			
b. has been previously submitted under 35 U.S.C. 154(d)(4).			
7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]. a. are attached hereto (required only if not communicated by the International Bureau).			
b. have been communicated by the International Bureau.			
c. have not been made; however, the time limit for making such amendments has NOT expired.			
d. have not been made and will not be made.			
8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].			
9. An oath or declaration of th	An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].		
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].			
Items 11 to 20 below concern other	r document(s) or information include		
	Statement under 37 CFR 1.97 and 1.98		
12. An assignment document for is included.	r recording. A separate cover sheet in	compliance with 37 CFR 3.28 and 3.31	
13. A preliminary amendment.			
14. An Application Data Sheet under 37 CFR 1.76.			
15. A substitute specification.			
16. A power of attorney and/or change of address letter.			
17. X A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.			
18. A second copy of the published International Application under 35 U.S.C.154(d)(4).			
19. A second copy of the English language translation of the international application under 35 U.S.C.154(d)(4).			
20. Other items or information:			

Substitute for PTO-1390 (Rev. 07-2005) "Transmittal Letter to the United States Designated/Elected Office(DO/EO/US)Concerning a Submission Under 35 U.S.C. 377

Approved for use through 3/31/2007. OMB 0651-0021. INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 21500P PCT/US2004/31326 CALCULATIONS PTO USE ONLY Basic national fee.....\$300 \$300.00 Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report All other situations.....\$200 \$200.00 Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an \$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or All other situations......\$500 \$600.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction Total Sheets Extra Sheets **RATE** thereof (round up to a whole number) 0 -100 =X \$250.00 \$0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)] NUMBER EXTRA CLAIMS NUMBER FILED **RATE Total Claims** \$100.00 X 22 -20 =\$50.00 Independent Claims Х - 3 = \$200.00 \$0.00 0 + MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360.00 \$700.00 TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)]. = TOTAL NATIONAL FEE \$700.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED \$700.00 Amount to be refunded: Amount to be charged: A check in the amount of \$ _____ to cover the above fees is enclosed. Please charge my Deposit Account No. 13-2755 in the amount of \$700.00 ____ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 000210 MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970 Alysia A. Finnegan NAME DATE: March 24, 2006 PHONE #: (732) 594-2583 REGISTRATION NUMBER

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Attorney Docket No.:	21500P
International Appln No.:	PCT/US2004/31326
International Filing Date:	<u>September 24, 2004</u>
Priority Date:	<u>September 29, 2003</u>
Title:	OPTIMIZED EXPRESSION OF HPV 45 L1 IN YEAST
Inventors:	Bryan, Janine T. Brownlow, Michelle K. Schultz, Loren D. Jansen, Kathrin U.

EXPRESS MAIL CERTIFICATE DATE OF DEPOSIT EXPRESS MAIL NO. I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450.